

SEPARATOR FOR FUEL CELL

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Abstract of JP11162478

PROBLEM TO BE SOLVED: To provide a separator for a fuel cell having high electric conductivity and high corrosion resistance at a low cost. **SOLUTION:** This separator 200 is inserted between fuel cells 100 of a fuel cell stack laminated with multiple fuel cells 100 arranged with electrodes on both sides of a solid electrolyte, and it is provided with fuel gas passage grooves 202 for feeding fuel gas to one adjacent fuel cell 100 on one side face and oxidant gas passage grooves 201 for feeding oxidant gas to the other adjacent fuel cell 100 on the other side face. A metal plate 203 used as the base material of the separator 200 is applied with a plating surface treatment with a material selected from a group of silver, chromium nitride, a composite oxide of a platinum group, and a complex of boron carbide and nickel.

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